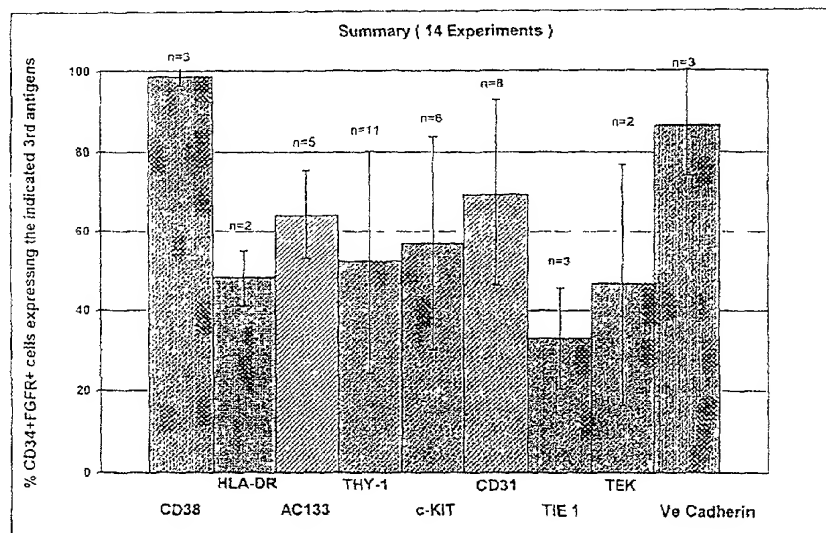




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(71) Applicant: NEW YORK UNIVERSITY [US/US]; 70 Washington Square South, New York, NY 10012 (US).			
(72) Inventors: WILSON, E., Lynette; Apartment 5D, 447 East 65th Street, New York, NY 10021 (US). BURGER, Patricia, E.; 9 Spanish Steps Ferguson Road, Bloubergstrand 7441, Cape Town (ZA).			
(74) Agent: BROWDY, Roger, L.; Browdy and Neimark, P.L.L.C., Suite 300, 419 Seventh Street N.W., Washington, DC 20004 (US).			

(54) Title: STEM CELLS BEARING AN FGF RECEPTOR ON THE CELL SURFACE



(57) Abstract

A composition of substantially purified pluripotent stem cells are positive both for fibroblast growth factor receptor (FGFR) and a phenotype indicative of a primitive state, such as CD34⁺, CD34^{lin}⁻, Thy-1⁺, AC133⁺ or c-kit⁺. The state of being an embryonic stem cell is also a phenotype indicative of a primitive state. This population may be further defined by the subpopulations thereof which have another marker thereon indicative of endothelial cells, such as TIE-1⁺, TEK⁺, CD31⁺, VE-Cadherin⁺ or VEGFR⁺ or indicative of stromal cells, such as STRO-1⁺.